Title (en)
Ballast for a lamp, and method for operating said ballast

Title (de)
Vorschaltgerät für eine Lampe und Verfahren zum Betreiben eines Vorschaltgeräts für eine Lampe

Title (fr)
Ballast pour une lampe, et procédé de commande dudit ballast

Publication
EP 1326485 A3 20050112 (DE)

Application
EP 02027138 A 20021204

Priority
DE 10200047 A 20020102

Abstract (en)
[origin: EP1326485A2] The voltage adapter has an inverter with at least one switch and a drive circuit for alternately opening and closing the switch(es). The drive circuit is designed to control the switch or switches alternately with at least two different frequencies. The drive circuit changes between the different frequencies using a changeover frequency selected so that intensities correlated with the drive frequencies cannot be resolved with the human eye. AN Independent claim is also included for the following: a method of operating an inventive device.

IPC 1-7
H05B 41/282; H05B 41/392

IPC 8 full level
H05B 41/392 (2006.01)

CPC (source: EP US)
H05B 41/3921 (2013.01 - EP US); **H05B 41/3925** (2013.01 - EP US); Y10S 315/07 (2013.01 - EP US)

Citation (search report)
- [X] WO 9836623 A1 19980820 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [X] US 5585699 A 19961217 - SCHULZ REINHARD [DE]
- [X] US 5365151 A 19941115 - SPIEGEL NORBERT [AU], et al
- [X] WU T-F ET AL: "AN ELECTRONIC DIMMING BALLAST WITH BIFREQUENCY AND FUZZY LOGIC CONTROL", IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, IEEE INC. NEW YORK, US, vol. 36, no. 5, September 2000 (2000-09-01), pages 1308 - 1317, XP001142932, ISSN: 0093-9994

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1326485 A2 20030709; **EP 1326485 A3 20050112**; CA 2415509 A1 20030702; CN 1430461 A 20030716; DE 10200047 A1 20030717; US 2003137256 A1 20030724; US 2004012345 A1 20040122; US 6768271 B2 20040727

DOCDB simple family (application)
EP 02027138 A 20021204; CA 2415509 A 20021230; CN 03100904 A 20030102; DE 10200047 A 20020102; US 32053702 A 20021217; US 33479003 A 20030102